

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application)	
WALTON et al.)	For: METHOD AND APPARATUS
)	FOR ALLOCATING
)	DOWNLINK RESOURCES IN A
Serial No.: UNKNOWN)	MULTIPLE-INPUT MULTIPLE-
)	OUTPUT (MIMO)
Examiner: UNKNOWN)	COMMUNICATION SYSTEM
)	
Filed: HEREWITH)	Group No. UNKNOWN

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR § 1.97**

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Commissioner:

Applicants through their attorney submit herewith, in accordance with 37 CFR §1.98, a list references of which they are aware, which they believe may be material to the examination of this application and with respect to which there may be a duty to disclose in accordance with 37 CFR § 1.56.

CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8(a))

I hereby certify that this correspondence is, on the date shown below, being:

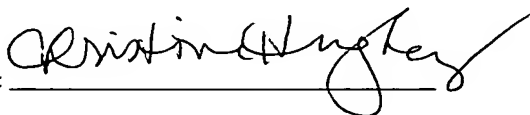
MAILING

- ☒ deposited with the United States Postal Service via Express Mail addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Depositor's Name: Christine Hughey
(type or print name)

Date: 10/29/2003

Signature: _____



FACSIMILE

- ☐ transmitted by facsimile to the Patent and Trademark Office.

Depositor's Name: _____
(type or print name)

Date: _____

Signature: _____

PATENT

These have been previously submitted in the Allowed U.S. application serial no. 09/859,345, filed 05/16/2001, entitled "Method And Apparatus For Allocating Downlink Resources In A Multiple-Input Multiple-Output (MIMO) Communication System," and currently assigned to the assignee of the present application.

While the references identified herein may be material to the examination of this application pursuant to 37 CFR § 1.56, the citation of these references is not intended to constitute an admission that any reference referred to herein is prior art to the invention of this application unless specifically designated as such.

The filing of this document shall not be construed to mean that any search has been made or, that if made such search was complete or exhaustive, or that no other material information as defined in 37 CFR § 1.56 exists.

A list of the references cited herein is set forth on Form PTO-1449 which is enclosed herewith. In accordance with 37 CFR § 1.98(d) Applicants are not required to submit copies of the references and accordingly have not provided copies herewith. Applicants respectfully request that the Examiner return to Applicants the enclosed copy of the Form PTO-1449 indicating consideration of the references.

The subject application is believed patentable over any of the above-references.

Respectfully submitted,

Dated: 10/29/2003

By: 

Thien T. Nguyen, Reg. No. 43,835
(858) 651-6137

QUALCOMM Incorporated
5775 Morehouse Drive
San Diego, California 92121
Telephone: (858) 651-4125
Facsimile: (858) 658-2502

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (REV. 7-80) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) DATE MAILED: 10/29/2003	ATTY. DOCKET NO.	APPLICATION NO.
	010248C1	Unknown
	APPLICANT	
	WALTON ET AL.	
	FILING DATE	GROUP
	Herewith	Unknown

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	Ref No	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPRO- PRIATE
	A1	5,903,554	05/11/1999	Saints			
	A2	5,265,119	11/23/1993	Gilhousen et al.			
	A3	5,056,109	10/08/1991	Gilhousen et al.			
	A4	5,799,005	08/25/1998	Soliman			
	A5	6,097,972	08/01/2000	Saints et al.			
	A6	6,212,242B1	04/03/2001	Smith et al.			
	A7	6,335,922	01/01/2002	Tiedemann et al.			
	A8	6,493,331	12/10/2002	Walton et al.			
	A9	6,574,211	06/03/2003	Padovani et al.			
	A10						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	Ref No	DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUB CLASS
	B1	884862A1	12/16/1998	EP	KABUSHIKI (JP)		
	B2	966125A1	12/22/1999	EP	MOTOROLA (US)		
	B3						
	B4						

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Page, Etc.)

	C1	A. Wittneben: "Analysis and Comparison of optimal Predictive Transmitter Selection and Combining Diversity for DECT" Global Telecommunications Conference, 1995. IEEE Singapore 12-17 November 1995; New York, USA, 13 November 1995, pages 1527-1531.
	C2	A. Hottinen et al.: "Transmit Diversity by Antenna Selection in CDMA Downlink" IEEE International Symposium on Spread Spectrum Techniques and Applications, Vol. 3, 2 September 1998, pages 767-770.
	C3	
EXAMINER		DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (REV. 7-80) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use several sheets if necessary)</i> DATE MAILED: 10/29/2003	ATTY. DOCKET NO.	APPLICATION NO.
	010248C1	Unknown
	APPLICANT	
	WALTON ET AL.	
	FILING DATE	GROUP
	Herewith	Unknown

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	Ref No	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPRO- PRIATE
	A1	5,903,554	05/11/1999	Saints			
	A2	5,265,119	11/23/1993	Gilhousen et al.			
	A3	5,056,109	10/08/1991	Gilhousen et al.			
	A4	5,799,005	08/25/1998	Soliman			
	A5	6,097,972	08/01/2000	Saints et al.			
	A6	6,212,242B1	04/03/2001	Smith et al.			
	A7	6,335,922	01/01/2002	Tiedemann et al.			
	A8	6,493,331	12/10/2002	Walton et al.			
	A9	6,574,211	06/03/2003	Padovani et al.			
	A10						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	Ref No	DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUB CLASS
	B1	884862A1	12/16/1998	EP	KABUSHIKI (JP)		
	B2	966125A1	12/22/1999	EP	MOTOROLA (US)		
	B3						
	B4						

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Page, Etc.)

	C1	A. Wittneben: "Analysis and Comparison of optimal Predictive Transmitter Selection and Combining Diversity for DECT" Global Telecommunications Conference, 1995. IEEE Singapore 12-17 November 1995; New York, USA, 13 November 1995, pages 1527-1531.
	C2	A. Hottinen et al.: "Transmit Diversity by Antenna Selection in CDMA Downlink" IEEE International Symposium on Spread Spectrum Techniques and Applications, Vol. 3, 2 September 1998, pages 767-770.
	C3	
EXAMINER		DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		